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Kotsuki et al.

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Masahiro Ezato, all of Fukuoka, Japan[73] Assignee: **Matsushita Electric Industrial Co.,**
Ltd., Japan[21] Appl. No.: **09/089,162**[22] Filed: **Jun. 2, 1998**[30] **Foreign Application Priority Data**Jun. 5, 1997 [JP] Japan 9-147504
Jun. 9, 1997 [JP] Japan 9-150600[51] Int. Cl.⁷ **H04N 1/00**[52] U.S. Cl. **358/1.15; 358/400; 358/468;**
379/93.09[58] Field of Search **358/403, 400,**
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395/114; 379/93.09, 93.14, 100.01, 100.14,
100.17, 102.02[56] **References Cited****U.S. PATENT DOCUMENTS**5,041,915 8/1991 Hirota 358/400
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9-139792 5/1997 Japan H04N 1/00*Primary Examiner*—Jerome Grant, II*Attorney, Agent, or Firm*—Venable; Robert J. Frank; Robert
Kinberg[57] **ABSTRACT**

In a communicating apparatus, telephone or directory application software can be automatically initiated in a personal computer. An off-hook detecting unit of the apparatus continuously makes a check to determine whether or not an external telephone is set to an off-hook state. If this is the case, the off-hook detecting unit sends off-hook information via a serial interface to the computer. An application initiation request unit of the computer monitors the serial interface. Having recognized an off-hook state of telephone in accordance with the off-hook information, the request unit automatically initiates the directory application software.

6 Claims, 6 Drawing Sheets